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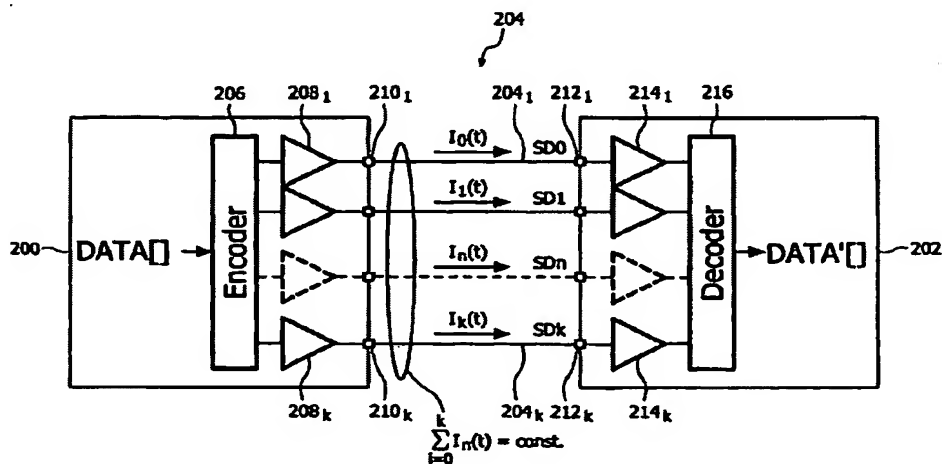
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(54) Title: METHOD AND DEVICE FOR TRANSMITTING DATA OVER A PLURALITY OF TRANSMISSION LINES



(57) Abstract: In the case of a method and a device for transmitting data units by way of a transmission medium that comprises at least three adjacent transmission lines, first of all a plurality of codes is supplied. Each code has a number of code sections that corresponds to the number of transmission lines of the transmission medium. Each code section has on an associated transmission line a predetermined signal value, the sum of the signal values for each transmitted code being substantially constant. For each data unit to be transmitted, a code is selected from the plurality of codes, and the selected code is supplied for transmission by way of the transmission medium. The data units and the codes to be transmitted can be supplied in accordance with a predetermined clock pulse, a new code being selected at each new clock pulse, based on the preceding code and the new data unit.